Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 00:00 on Friday 29 Dec 2023 until 23:59 on Saturday 30 Dec 2023

Forecast Issued on Thursday 28 Dec 2023 at 16:51 by Met Office Aberdeen

Confidence: High for unsettled, but lowering for the detail of worst of conditions.

Headline for Friday 29 Dec 2023: Some scattered showers turning increasingly wintry. Bright spells increasing during afternoon. Cold with severe wind chill in fresh to strong northwest winds over the peaks.

Mountain weather hazards on Friday 29 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
High Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Heavy snow	Light snow showers (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
70%	70%	30%	20%	20%	20%	20%	10%

Forecast for Friday 29 Dec 2023

Weather: Cloudy overnight with showers, that merge to longer periods of snow and below 600m rain across the south for a time, but turning drier towards dawn. Wintry showers by day, with outbreaks isolated and generally confined to northern ranges. Most staying dry during the evening. Best of the brighter spells appearing in the south and during the afternoon.

Chance of cloud-free hill tops above 800m: By day 80% in north 90% plus in south

Low Cloud and visibility: Good becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases lowering 600m at times, particularly as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 29 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	38/44 SW	20/24 W	24/30 NW	28/34 NW	27/33 NW	28/34 W	30/38 W	31/39 W	29/37 W
900	26/32 SW	15/19 W	17/22 NW	19/25 NW	20/26 NW	19/25 W	20/28 W	21/29 W	19/27 W
600	20/33 SW	9/17 W	10/18 NW	12/22 NW	14/23 NW	13/22 W	14/25 W	15/27 W	15/25 W
300	9/23 W	4/11 NW	8/19 NW	9/21 NW	10/22 NW	9/23 NW	9/22 W	10/25 W	10/23 W
Glen	5/17 SW	4/11 NW	5/15 NW	8/20 NW	10/22 W	9/23 W	9/23 W	8/22 W	8/21 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-2/-12	-2/-9	-4/-12	-5/-14	-5/-15	-5/-15	-6/-16	-6/-16	-6/-16
900	-1/-8	-1/-6	-2/-9	-3/-11	-3/-11	-4/-11	-4/-12	-4/-12	-4/-12
600	1/-5	0/-4	-0/-5	-1/-6	-1/-7	-1/-7	-2/-8	-2/-9	-3/-9
300	2/-2	2/-0	2/-2	1/-3	2/-3	1/-3	0/-4	-1/-5	-1/-6
Glen	3/1	2/1	2/0	2/-2	2/-2	2/-2	0/-4	-0/-4	-1/-5
Freezing Level*	700m	700m	500m	400m	400m	300m	200m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

Chance of gales across highest peaks overnight Thursday. Severe wind chill across higher and even mid-level routes.

Forecast for Saturday 30 Dec 2023

Weather: Area of snow and at lowest levels rain, extending from the southwest from mid-morning, reaching all areas by mid-day, clearing during the evening to a mix of clear spells and scattered wintry showers.

Maximum wind: East to southeast increasing 40-45mph for the afternoon with gusts reaching 60mph across most exposed ridges and summits

Chance of cloud-free hill tops above 800m: 70% at first becoming 10-20% from late morning

Low Cloud and visibility: Good becoming moderate or poor in rain and showers, very poor in snow and wintry showers and within cloud with bases broken from 600m at first, becoming extensive from 450m from late morning.

Temperature: **Glens:** Minus 5 Celsius rising plus 3 Celsius later
At 800m: Minus 4 Celsius rising minus 2 Celsius later
Freezing level: 200m lifting 500m later

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